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DATE: Wednesday, August 25, 2004

Hide?	Set Name	Query	Hit Count				
DB=PGPB, USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ							
	L10	L8 and electro-mechanical	7				
	L9	L8 and elctro-mechanical	0				
	L8	L6 and force reflecting haptic interface	53				
	L7	L6 and force reflecting haptic interface	0				
	L6	L5 and signal	101				
	L5	L4 and linkage	109				
	L4	L3 and actuator	126				
	L3	L2 and force reflecting	135				
	L2	L1 and haptic interface	170				
	L1	force and haptic and reflect\$ and encoder	251				

END OF SEARCH HISTORY

Hit List

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Generate OACS

Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20030034994 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 7

File: PGPB

Feb 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030034994

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030034994 A1

TITLE: Force reflecting haptic interface

PUBLICATION-DATE: February 20, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Massie, Thomas H.

Windam

NH

Salisbury, J. Kenneth JR.

Cambridge

MA

US US

COUNTRY

US-CL-CURRENT: <u>345/701</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw, De

☐ 2. Document ID: US 6405158 B1

L10: Entry 2 of 7

File: USPT

Jun 11, 2002

US-PAT-NO: 6405158

DOCUMENT-IDENTIFIER: US 6405158 B1

TITLE: Force reflecting haptic inteface

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Massie; Thomas H

Vanceburg Cambridge KY MA

US-CL-CURRENT: <u>703/6</u>; 318/628

Salisbury, Jr.; Kenneth

70 OH CORRENT: 7037 07 3107 020

Full Title Citation Front Review Classification Date Reference

Claims KVMC Drawt De

☐ 3. Document ID: US 6191796 B1

Page 2 of 4

L10: Entry 3 of 7

File: USPT

Feb 20, 2001

US-PAT-NO: 6191796

DOCUMENT-IDENTIFIER: US 6191796 B1

TITLE: Method and apparatus for generating and interfacing with rigid and

deformable surfaces in a haptic virtual reality environment

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Tarr; Christopher

Cambridge

MΑ

US-CL-CURRENT: <u>345/581</u>

Full Title Citation Front Review Classification Date Reference Security Co. Affect the St. Claims KMC Draw. De

☐ 4. Document ID: US 5898599 A

L10: Entry 4 of 7

File: USPT

Apr 27, 1999

US-PAT-NO: 5898599

DOCUMENT-IDENTIFIER: US 5898599 A

TITLE: Force reflecting haptic interface

DATE-ISSUED: April 27, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Massie; Thomas H

Vanceburg

Cambridge MA

ΚY

US-CL-CURRENT: 345/161; 318/628

Salisbury, Jr.; J. Kenneth

Full Title Citation Front Review Classification Date Reference Sequences Statishments. Claims KMC Draw. De

5. Document ID: US 5691898 A

L10: Entry 5 of 7

File: USPT

Nov 25, 1997

US-PAT-NO: 5691898

DOCUMENT-IDENTIFIER: US 5691898 A

TITLE: Safe and low cost computer peripherals with force feedback for consumer

applications

DATE-ISSUED: November 25, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Rosenberg; Louis B.

Pleasanton

CA

Record List Display

Braun; Adam C.

Sunnyvale

CA

Schena; Bruce M.

Menlo Park

CA

US-CL-CURRENT: 700/85; 345/161, 463/38

Full Title Citation Front Review Classification Date Reference Secuences Attachinence Claims KMC Draw De

☐ 6. Document ID: US 5625576 A

L10: Entry 6 of 7

File: USPT

Apr 29, 1997

US-PAT-NO: 5625576

DOCUMENT-IDENTIFIER: US 5625576 A

** See image for Certificate of Correction **

TITLE: Force reflecting haptic interface

DATE-ISSUED: April 29, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Massie; Thomas H.

Vanceburg

ΚY

Salisbury, Jr.; J. Kenneth

Cambridge

MA

US-CL-CURRENT: 703/6; 318/628

Full Title Citation Front Review Classification Date Reference Sequences Claims KWC Draw. De

7. Document ID: US 5587937 A

L10: Entry 7 of 7

File: USPT

Dec 24, 1996

US-PAT-NO: 5587937

DOCUMENT-IDENTIFIER: US 5587937 A

TITLE: Force reflecting haptic interface

DATE-ISSUED: December 24, 1996

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Massie; Thomas H.

Vanceburg

ΚY

Salisbury, Jr.; J. Kenneth

Cambridge

MA

US-CL-CURRENT: 703/7; 700/264

Title Citation Front Review Classification Date Reference Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS